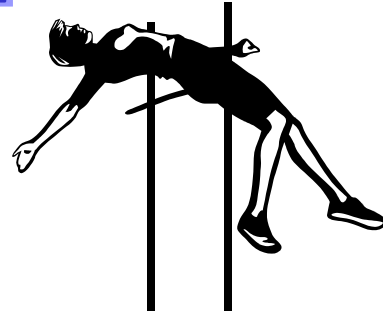


Name _____ Date _____ Period _____

Analyzing Olympic Data



1.) Circle the Olympic Sport you chose below:

High Jump Men's Seasons Best (outdoors)
High Jump Women's Seasons Best (outdoors)

Long Jump Men's Seasons Best (outdoors)
Long Jump Women's Seasons Best (outdoors)

2.) After transferring the data into Microsoft Excel, use the "Formulas" toolbar and record the measures below:

Average (mean) _____ Median _____

Mode _____ Minimum _____ Maximum _____

3.) After copying and pasting your distance/height column, "Sort" the 3rd column from smallest to largest. Use that information to calculate the:

Range _____

Lower Quartile _____ Upper Quartile _____

Inner Quartile Range _____

4.) Using the first 2 columns, insert a scatter plot and select "Layout 9"—the *fx* scatterplot. Answer the questions below:

a.) Does the line best fit your data? Explain. _____

b.) Are there any outliers? _____ If so, what is/are the outlier(s)? _____

5.) Give your graph a title, label the x- and y-axis, and make a key. Please print off your graph and attach it to this worksheet.